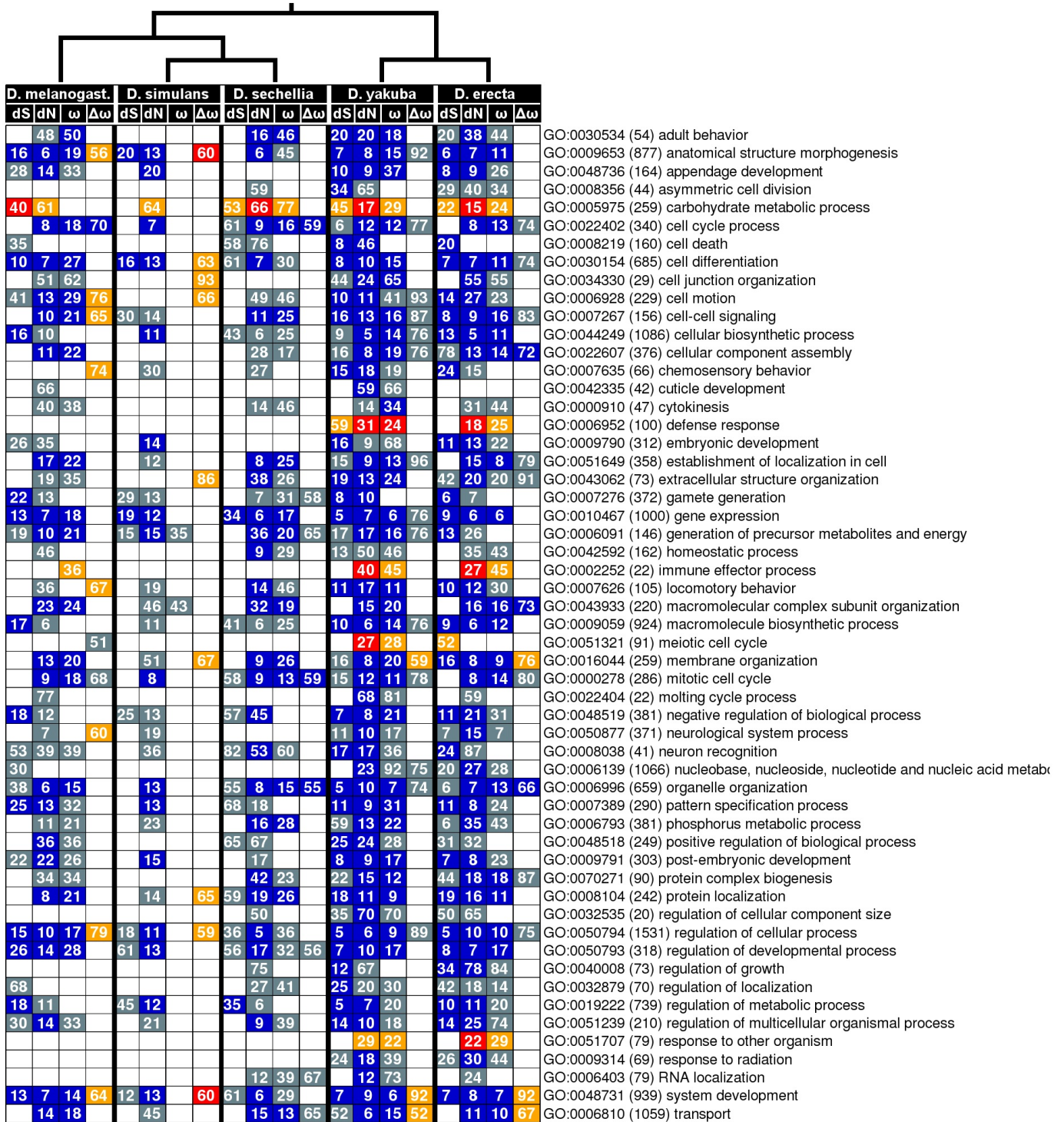
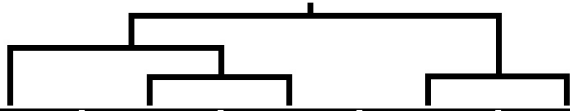


D. melanogast.				D. simulans				D. sechellia				D. yakuba				D. erecta					
dS	dN	ω	$\Delta\omega$	dS	dN	ω	$\Delta\omega$	dS	dN	ω	$\Delta\omega$	dS	dN	ω	$\Delta\omega$	dS	dN	ω	$\Delta\omega$		
37	10	22						20	22			17	18	26		12	13	16		GO:0030029 (122) actin filament-based process	
8	6	18	80	15	12		59	60	6	33		7	8	15	92	6	7	6	92	GO:0048856 (1134) anatomical structure development	
30	12	20						27	15	67		10	8	17	74	25	12	12	68	GO:0010926 (525) anatomical structure formation	
40	31		62		13			9	36			10	14	9		8	10	17		GO:0007610 (257) behavior	
	35	42											72				59	55			GO:0022610 (127) biological adhesion
11	5	13		15	11		59	28	6	24		5	7	10	88	5	5	5	75	GO:0065007 (1771) biological regulation	
15	9				11			60	14	28		9	6	19	75	12	5	11	82	GO:0009058 (1141) biosynthetic process	
	34	42											65				59	67			GO:0007155 (126) cell adhesion
	6	11	56	16	11		62	15	38	68		5	8	10	89	6	6	6		GO:0007154 (883) cell communication	
	7	16	67	39	7			54	8	15	57	15	10	10	73		7	12	72		GO:0007049 (413) cell cycle
	34	31						22	36			19	12	27		35	30	30	85		GO:0051301 (108) cell division
52	38	54						80	52	59		19	16	35		23	85				GO:0008037 (42) cell recognition
39	12	17						28	17			17	8	18	82		12	13	69		GO:0044085 (411) cellular component biogenesis
15	6	14		36	12	35	69	53	7	13	65	5	8	6	71	5	6	6	65		GO:0016043 (1285) cellular component organization
9	7	19	81	20	12		64	61	6	30		7	10	15		7	7	11	77		GO:0048869 (776) cellular developmental process
	17	21			12			63	7	25	69	16	9	13		10	14	7	75		GO:0051641 (388) cellular localization
												19	17	73		41					GO:0007623 (46) circadian rhythm
36								59				8	46			20					GO:0016265 (161) death
	75											17	68	78		28	31				GO:0048589 (57) developmental growth
8	6	18		16	12		73	63	5	28		6	8	14		6	6	10	75		GO:0032502 (1367) developmental process
	14	18			44			83	15	13	65	52	6	14	52		11	10	67		GO:0051234 (1083) establishment of localization
	72		89						79			11	61	79		25	26				GO:0040007 (118) growth
													36	26			24	30			GO:0006955 (97) immune response
	9	17			43			83	15	17		9	6	19	70	8	10	14	67		GO:0051179 (1332) localization
41	13	29	79				66	48	51			9	11	41		14	26	23			GO:0051674 (232) localization of cell
	14				14			10	53			12	13	18		9	10	26			GO:0040011 (175) locomotion
	7	17			14			42	7	25		17	10	8		19	15	10	80		GO:0033036 (304) macromolecule localization
	8	19			15			9	15	61		11	12	13	77		9	8	69		GO:0007017 (289) microtubule-based process
												22	12			25	15	26			GO:0051704 (154) multi-organism process
12	6	18		16	12			60	6	29		7	8	10		6	7	6	75		GO:0007275 (1168) multicellular organismal development
16	6	17		16	11			6	28			6	7	9	91	6	6	6			GO:0032501 (1477) multicellular organismal process
												18	78			18	93				GO:0035265 (32) organ growth
66				57			37					22	95			69	57	63			GO:0055114 (315) oxidation reduction
													64	64			80				GO:0043473 (42) pigmentation
													65	65			82				GO:0048066 (41) pigmentation during development
15	10	23		15	11		59	32	6	28		5	7	9	88	5	5	10	75		GO:0050789 (1623) regulation of biological process
24	12	17			13	41		57	8	16		6	9	18		11	7	7			GO:0065008 (426) regulation of biological quality
21	13			25	13			7	32	57		8	10	21		7	8	21			GO:0000003 (437) reproduction
21	13			25	13			7	32	57		8	10	21		7	8	21			GO:0022414 (437) reproductive process
			98					10				9	14	16			27	32			GO:0009628 (131) response to abiotic stimulus
													29	28			22	29			GO:0009607 (85) response to biotic stimulus
					21							9	11			12	28	40			GO:0042221 (221) response to chemical stimulus
												12	15			13	15				GO:0009605 (129) response to external stimulus
									6			6	7			9	6				GO:0050896 (724) response to stimulus
												19	17	73		41					GO:0048511 (46) rhythmic process
22	13				12			17	31	58		8	10			6	7	21			GO:0019953 (380) sexual reproduction
	7		60		11			27				11	10	17		7	7	7			GO:0003008 (392) system process



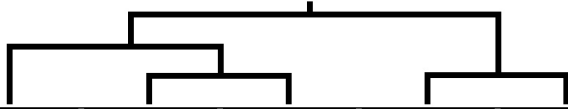


D. melanogast				D. simulans				D. sechellia				D. yakuba				D. erecta			
dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω
64	30	34		43				23	63			23	26	43		26	43	36	
				32				27	42			18	25			18	10	23	
34	14							23	39			35	15	26		26	19		
28	14	38		20								12	12			12	23		
34				26				23	35	63		10	9	44		8	9	26	
18	6	24		30	12			37	6	26		31	12	20		22	20	27	
								51				5	7	15		9	6	12	
8	19	72		7				64	8	16	60	6	11	11	78	36	41	45	91
11	7	26		21	13		85	62	7	30		8	10	16		7	8	11	70
27	15	33		13				9				19	9	70		15	8	46	
14								48	53			11	11			15	26		
66	62							44	25	37		44	25	37		59	59		
17	7	20	76	24	12			16	35			7	10	11	91	7	7	23	81
31	24			47				32	19			19	19			15	17	73	
17	6			11				41	6	25		10	6	14	76	9	6	12	
24	67			16				31	38			30	10	16		21	10		
91				58								60	27	34		50	51		
								54	54			54	54			45	54		
25	42							24	31			15	11	16	14	22	14	19	46
18	10	20		7				63	10	13	56	7	15	12	78	8	11	7	70
31	31			23	39	43		41	43			25	15			13			
31	68		65	17				15	15	34		15	15	34		10	12	17	
16	30							18	35	51		18	35	51		14	10	53	
10	23			17	44	67	55	22	31			18	12	11		12	20	13	
15		80						15	17	53		21	17	53		26	17	60	
25	22							21	12	26		14	17	16		14	17	16	
26	13	23		14				8	29	58		13	10	65		12	8	22	
80	13	23		27	27			45	13	37		17	16	31		25	33	17	
32	34			26				26	34	76		23				19			
24	38			19		70						9	9	38		14	9	25	
22	26			23	15			17				8	9	17		7	8	24	
18	22			13				8	21			76	8	8		12	14		
46	52							20	23			12	8			7	8	67	
43	18	43		28				31	21			21	31	46		28	21	40	
29	30			43	45			31	20			16	23			15	16	81	
45								20	41			66				54	41	54	
17		17	17	34				65	12	11		12	11						
17	22			34		70		8	27			18	10	14	61	12	9	11	77
26	22	45		16				8				9	10	17		7	9	24	
46	26							65	68			21	19	31		39	63		
23	12			26	14			62	40			7	9	17		7	7	22	
33	17			68	16			73	41			10	12	36		10	27	57	
24								64	46			18	9	86		21	32		
18	7	28	66	59	12		62	8	35			7	9	16	81	7	8	12	78
75	12	30		33	30			12	41			23	13	28		22	30	15	
57	70							29	23	63		35				22	12		
				74	70	30						12	16			22	12		
43	41							52	53			24	10	35		46	39	40	
17	6	26		16	13		61	61	6	34		7	9	16		7	8	7	
86												46	46			60	46		
11	21			23				16	28			59	13	22		6	35	43	
64	30	34		41				28	35			17	24			17	9	22	
36								68	71			25	23	36		35	32		
26	22	35		23	16			8				8	10	18		7	9	24	
85												42	50			64	50		
64								60				36	46			12			
25	13	32		13				68	18			11	9	27		16	24	24	
39	34											26	26	39		47	34	52	
30	19	23		33	16			60	21	36		9	14	14		10	9	14	
20				11								14	72			9	42	82	
	56						80					24	49	64		11	28	38	
34	19	25		17				72	79			53	67			25			
29	17	30		15				69	10	32		16	13	23		16	16	15	
				21				67	22	31		8	12	22		24	15	17	
17	61			11				19	43	78		43	14	41		29	29		
								42	70			10	10	81		9	21	20	
												42	42			31	42		
18	10			37	11			35	6			70	88	81		88			
												11	6	78		10	11	20	
78	12	27		30	27			11	41			15	14	19		15	11	15	
11	14			23	11		61	16	60	68		5	7	15		6	7	24	
								27				20	47			27	47	68	
36								40	32			22	28	28		46	22	24	93
11	17	67		23			69	11	30			17	14	17	87	9	10	17	83
33	45											33	20	29		33	25		
71	13	20		33			64	18	35			16	8	12	63	17	7	10	

- GO:0008344 (30) adult locomotory behavior
- GO:0006040 (76) amino sugar metabolic process
- GO:0048532 (71) anatomical structure arrangement
- GO:0048646 (248) anatomical structure formation involved in morphogenesis
- GO:0035107 (163) appendage morphogenesis
- GO:0009798 (115) axis specification
- GO:0043284 (863) biopolymer biosynthetic process
- GO:0043412 (510) biopolymer modification
- GO:0022403 (301) cell cycle phase
- GO:0048468 (602) cell development
- GO:0045165 (186) cell fate commitment
- GO:0048870 (127) cell motility
- GO:0045216 (27) cell-cell junction organization
- GO:0032989 (506) cellular component morphogenesis
- GO:0034621 (182) cellular macromolecular complex subunit organization
- GO:0034645 (924) cellular macromolecule biosynthetic process
- GO:0034613 (130) cellular protein localization
- GO:0034984 (70) cellular response to DNA damage stimulus
- GO:0050000 (11) chromosome localization
- GO:0050890 (226) cognition
- GO:0007010 (353) cytoskeleton organization
- GO:0022900 (51) electron transport chain
- GO:0009792 (132) embryonic development ending in birth or egg hatching
- GO:0048598 (128) embryonic morphogenesis
- GO:0045184 (174) establishment of protein localization
- GO:0007164 (45) establishment of tissue polarity
- GO:0035272 (112) exocrine system development
- GO:0007292 (284) female gamete generation
- GO:0003001 (80) generation of a signal involved in cell-cell signaling
- GO:0006818 (52) hydrogen transport
- GO:0048737 (162) imaginal disc-derived appendage development
- GO:0002165 (288) instar larval or pupal development
- GO:0046907 (278) intracellular transport
- GO:0006811 (232) ion transport
- GO:0060173 (32) limb development
- GO:0065003 (186) macromolecular complex assembly
- GO:0032984 (24) macromolecular complex disassembly
- GO:0048232 (79) male gamete generation
- GO:0010324 (205) membrane invagination
- GO:0007552 (253) metamorphosis
- GO:0042692 (41) muscle cell differentiation
- GO:0048523 (341) negative regulation of cellular process
- GO:0051093 (103) negative regulation of developmental process
- GO:0009892 (202) negative regulation of metabolic process
- GO:0007399 (495) nervous system development
- GO:0006836 (89) neurotransmitter transport
- GO:0055086 (151) nucleobase, nucleoside and nucleotide metabolic process
- GO:0042048 (62) olfactory behavior
- GO:0007424 (123) open tracheal system development
- GO:0048513 (753) organ development
- GO:0043043 (15) peptide biosynthetic process
- GO:0006796 (381) phosphate metabolic process
- GO:0005976 (81) polysaccharide metabolic process
- GO:0048522 (226) positive regulation of cellular process
- GO:0009886 (248) post-embryonic morphogenesis
- GO:0002440 (14) production of molecular mediator of immune response
- GO:0012501 (155) programmed cell death
- GO:0003002 (274) regionalization
- GO:0032970 (23) regulation of actin filament-based process
- GO:0022603 (171) regulation of anatomical structure morphogenesis
- GO:0009889 (553) regulation of biosynthetic process
- GO:0010646 (221) regulation of cell communication
- GO:0010941 (88) regulation of cell death
- GO:0045595 (137) regulation of cell differentiation
- GO:0051128 (186) regulation of cellular component organization
- GO:0060341 (41) regulation of cellular localization
- GO:0031323 (673) regulation of cellular metabolic process
- GO:0031347 (19) regulation of defense response
- GO:0048638 (27) regulation of developmental growth
- GO:0060255 (704) regulation of macromolecule metabolic process
- GO:0009416 (59) response to light stimulus
- GO:0046903 (99) secretion
- GO:0007165 (741) signal transduction
- GO:0048863 (44) stem cell differentiation
- GO:0050808 (49) synapse organization
- GO:0019226 (140) transmission of nerve impulse
- GO:0016050 (24) vesicle organization
- GO:0016192 (288) vesicle-mediated transport

D. melanogast.				D. simulans				D. sechellia				D. yakuba				D. erecta			
dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω
38	10	22						20	23			17	18	26		12	13	16	
35				25				21	35			18	13	71			86	27	
	85												42	50			64	50	
	52	52						71				56				19			
	54							76				29	79			15	37		
24	14	20	70	32	12		75	49	53			31	52			23	68		
39	15	32	77		21		63	16	36			7	9	16	91	6	7	11	81
	49	71			13		67	39	39			6	8	60		6	7	50	
18	6	24		30	12			37	6	26		5	7	15	9	9	6	12	
	30	24		35	48			32	20			21	22			15	18	83	
	45							20	41			66				54	41	54	
41									40			30	16	30		9	36	54	
	34	36						92	40	33		91	89	82		37	31	88	
	37	40										50	35	50		57	64		
	31	69	66		17			58				54	28	41		44	46		
	17	22		34	70			8	27			16	15	34		10	12	17	
												18	10	14	61	12	9	11	77
												54	54			45	54		
	46	51		33				33				41	41	75		33	58		
27				27	23			45	65			56	17			20	84		
	26	22			15							18	14	22		22	20	30	
	64	30	34		43			28	36			21	12	10		15	18	17	
	24	27										16	18			14			
20	12	35		15	69			8				9	11	22		7	9	24	
	24	37		19				9	9	37		9	9	37		14	9	26	
26	22	36		31	16			8				9	10	18		7	9	24	
	12	19		13	71			19	41			16	8	18		7	8	14	
	14			21				38	42			21	21	15		17	19		
43	18	43		28				31				21	31	46		28	21	40	
	8	19	71	16				9	21	60		7	12	11	78	9	13	71	
	31	43						50				43	25	37		68	50	31	
38	10	20		9				11	14	60		13	14	13	79	12	11	17	70
	33							53				33	40	53		26	26		
41	19	33		15	71			28	40			18	14	86		19	54		
30								18	14	56		18	14	56		20	40		
	24			21				67				18	9	87		16	24	24	
24								65	66			18	8	85		16			
22	7	31	79	40	13		64	8	33			8	10	25		7	8	16	79
				19				14	48	69			21				64		
	26	13			13			31	24	64		36	34						
22	13	27	64	22	15		67	8	9	22		13	10	66		12	8	22	
	12	21		25				8				8	9	22		7	7	24	
	34	34						18	26	59	14	18	94	7	30	43	95		
	47							42	23	22	15	12		44	18	18	87		
	10	23		17	45			21	43			69		34	43	39			
35	20	31		17				61	23	32		18	12	11		16	20	13	
								63	12	35		17	14	26		15	23	24	
	20			11								56				68			
17				41	11			39				14	72			9	42	82	
												10	59	81		9	20	29	
	85											91	91			65	60		
	26											42	50			64	50		
67	21			72	18			14	69	93		14	69	93		9	42	82	
20	75			10				18	12	25		18	12	25		21	35	77	
	80							14	63			14	63			10	25	30	
11	9			27				73				52	62			25			
	56							48	12	25		16	14	10	81	13	10	27	
	32	32		24	40	44		65				32	49	64		21	33	37	
								40	42			26	16			14			
32								59				24	19	28	90	13	15	15	
81	13	28		29	27			12	42			24	13	19		16	12	15	
24	14	32		23	13		68	10				16	15	28		7	14	24	
	27	48						26	32			12	13	19	17	16	17	22	39
	17	17	17	34						65		12	11						
	11	23	67	30	23		68	11	30			18	14	18	87	9	10	17	
	14	22						50	16	45		17	14	30		16	13	19	
								80				29	32	41		54	38	38	
	14	28		13				46				8	10	17	92	14	9	14	
27	31	34						31	38	78		23				17			

- GO:0030036 (121) actin cytoskeleton organization
- GO:0009952 (98) anterior/posterior pattern formation
- GO:0002775 (14) antimicrobial peptide production
- GO:0006915 (100) apoptosis
- GO:0006576 (25) biogenic amine metabolic process
- GO:0001709 (91) cell fate determination
- GO:0001708 (51) cell fate specification
- GO:0016477 (125) cell migration
- GO:0000902 (470) cell morphogenesis
- GO:0032990 (228) cell part morphogenesis
- GO:0007166 (407) cell surface receptor linked signal transduction
- GO:0034961 (863) cellular biopolymer biosynthetic process
- GO:0034622 (155) cellular macromolecular complex assembly
- GO:0034623 (24) cellular macromolecular complex disassembly
- GO:0007417 (143) central nervous system development
- GO:0030705 (69) cytoskeleton-dependent intracellular transport
- GO:0050832 (14) defense response to fungus
- GO:0006259 (154) DNA metabolic process
- GO:0001700 (129) embryonic development via the syncytial blastoderm
- GO:0006897 (205) endocytosis
- GO:0051303 (11) establishment of chromosome localization
- GO:0007629 (12) flight behavior
- GO:0048859 (39) formation of anatomical boundary
- GO:0007281 (140) germ cell development
- GO:0048732 (129) gland development
- GO:0006041 (75) glucosamine metabolic process
- GO:0007507 (54) heart development
- GO:0007444 (287) imaginal disc development
- GO:0035114 (161) imaginal disc-derived appendage morphogenesis
- GO:0048707 (244) instar larval or pupal morphogenesis
- GO:0007242 (291) intracellular signaling cascade
- GO:0007611 (57) learning or memory
- GO:0035108 (32) limb morphogenesis
- GO:0000279 (276) M phase
- GO:0006900 (16) membrane budding
- GO:0000226 (222) microtubule cytoskeleton organization
- GO:0055001 (15) muscle cell development
- GO:0007517 (139) muscle development
- GO:0009890 (143) negative regulation of biosynthetic process
- GO:0045596 (55) negative regulation of cell differentiation
- GO:0031324 (175) negative regulation of cellular metabolic process
- GO:0010605 (192) negative regulation of macromolecule metabolic process
- GO:0022008 (366) neurogenesis
- GO:0051169 (56) nuclear transport
- GO:0006753 (135) nucleoside phosphate metabolic process
- GO:0048477 (281) oogenesis
- GO:0009887 (361) organ morphogenesis
- GO:0016310 (310) phosphorylation
- GO:0006461 (90) protein complex assembly
- GO:0043241 (23) protein complex disassembly
- GO:0015031 (169) protein transport
- GO:0060284 (97) regulation of cell development
- GO:0010453 (16) regulation of cell fate commitment
- GO:0031326 (553) regulation of cellular biosynthetic process
- GO:0010468 (604) regulation of gene expression
- GO:0043087 (23) regulation of GTPase activity
- GO:0002697 (14) regulation of immune effector process
- GO:0010556 (534) regulation of macromolecule biosynthetic process
- GO:0051960 (70) regulation of nervous system development
- GO:0019219 (549) regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process
- GO:0043067 (87) regulation of programmed cell death
- GO:0051246 (143) regulation of protein metabolic process
- GO:0009966 (206) regulation of signal transduction
- GO:0022904 (49) respiratory electron transport chain
- GO:0016070 (687) RNA metabolic process
- GO:0032940 (91) secretion by cell
- GO:0007423 (257) sensory organ development
- GO:0007600 (173) sensory perception
- GO:0007283 (79) spermatogenesis
- GO:0007268 (138) synaptic transmission
- GO:0048489 (68) synaptic vesicle transport
- GO:0007416 (31) synaptogenesis
- GO:0009888 (281) tissue development
- GO:0034220 (47) transmembrane ion transport



D. melanogast.				D. simulans				D. sechellia				D. yakuba				D. erecta				
dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	
43	20	24			42			12	25			16	15	24		11	12	32		
23	23							30	53			26	30	43		23	20			
	85												44	40			44	44		
69	38											53	61	69		38	53	76		
								13	49			34	11	35		16	39	58		
44	63							60				31	39	44		34	36	34		
39	15	32	69		21		68	40	39			7	9	25	93	13	13	26		
40	13	18	68		24		68	38	39			7	9	22		12	26	23		
		71											52	66			52	66		
	24	33			45	56		50	40			98	14	29			22	26		
	47							21	43				69			34	43	39		
	54	90						81	72				36	100						
	60	64						71	75				35	46		71	57			
96	54											59	29	35			37	62		
	63	56											69	61			38	40		
	17	30	69		15		69	21	41			9	14	22	96	9	11	18		
	23		75									13	13	18	100	21	39	18		
	55	57											53	38			25	23		
25	15	33			28	14		57	9			12	16	32		7	14	24		
21	15	31	71		37	13	64		8	32		8	10	24		7	8	25		
	86											59	81	81		22	95			
27	34	37			16		69					9	10	24		13	26	24		
34	13							81				40	18			17	30			
46	69	65			26			34				88	30	73		30	23	46		
	25	68			17			32	39			31	10	17		21	10			
					35							30	20			30	17			
43	18	43			28			31				21	31	46		28	21	40		
			53									55	20	25		46				
													54	54			45	54		
	65							36	34			19	10	89	86		36	31	87	
								20	33	63						12	10			
	15							36	38	64			21	16	84		15	17	82	
48	67							55	59			26	32	83		46	32	32		
64	30	34			43			28	36				18	25		17	10	24		
58												75				75				
30												18	14	86		19	54			
32								76	70			23	75	87		26	86			
30												18	14	86		19	54			
33												24	75	88		23	55			
	33	89										35	69	43		30	66			
					19			14	48	69			21			64				
								31	24	64			36	34						
					28			49	36			16	14	25		25	25	19		
44												27	10			19				
												38	26	42		42	38			
16	11	26			20	16	39		25	22	71	20	18	18		15				
	19	25					77		31	28			32	19	63		19	26		
	45	40			30				25	51			20	25		43	40	45		
									47				12	29		36	34	46	81	
													79	40	33		92	33	28	
	20	23			39	58	69		47	18	35		20	6	12		16	4	11	5
	39	34											26	26	39		47	34	52	
60													73				73			
30	19	33			17				21	38		9	12	23		10	10	17		
34									34	34		16	12	54		30	32	41		
	13	25			36	26			13	36		24	14	31		24	34	18		
	85												42	50			64	50		
25								43				10	54			10	21	21		
	25								41	41		32	25	48		38	32	22		
24												19	54			15	22	22		
	13							64	55				27	20	89		19	20	79	
	25	22										21	12	26		14	17	16		
	30	29			55		33		30	32		14	11	13	21	21	13	21	19	
	11	21			24				24			19	13	23	63	11	13	19	79	
43	11	22			10	46			11	15	61	15	16	15	80		11	17	73	
	44	50	81		42				50	60			15	47		31	15	42		
44	21				17				35	32		11	17	26		29	20	29		
	35	50										50	28	42		57	57	35		
31	25	34			43	34			56	25		28	28	28		28	28	28		
	17	31	66						39	41		15	12	19	94	14	10	16	79	
24	62											18	69			14	29	73		
7	12	20			11	9	44		13	10	26	64		12		8	14	11		
	46	61			46				53			46	53	38		69	53	30		
45	33	46			17				49			8	9	41		17	26	24		
	50	54			75							39	14	54		13	14	63		

- GO:0007015 (78) actin filament organization
- GO:0031032 (30) actomyosin structure organization
- GO:0019731 (20) antibacterial humoral response
- GO:0002777 (14) antimicrobial peptide biosynthetic process
- GO:0035285 (13) appendage segmentation
- GO:0007420 (79) brain development
- GO:0022416 (38) bristle development
- GO:0000904 (236) cell morphogenesis involved in differentiation
- GO:0030030 (289) cell projection organization
- GO:0007043 (21) cell-cell junction assembly
- GO:0043623 (57) cellular protein complex assembly
- GO:0043624 (23) cellular protein complex disassembly
- GO:0046545 (11) development of primary female sexual characteristics
- GO:0006310 (28) DNA recombination
- GO:0006281 (62) DNA repair
- GO:0007398 (55) ectoderm development
- GO:0060429 (139) epithelium development
- GO:0007163 (76) establishment or maintenance of cell polarity
- GO:0006887 (47) exocytosis
- GO:0001654 (204) eye development
- GO:0048699 (353) generation of neurons
- GO:0007446 (22) imaginal disc growth
- GO:0007560 (198) imaginal disc morphogenesis
- GO:0007447 (69) imaginal disc pattern formation
- GO:0035109 (26) imaginal disc-derived limb morphogenesis
- GO:0006886 (128) intracellular protein transport
- GO:0007612 (40) learning
- GO:0035110 (32) leg morphogenesis
- GO:0051327 (86) M phase of meiotic cell cycle
- GO:0051310 (11) metaphase plate congression
- GO:0007018 (66) microtubule-based movement
- GO:0015672 (121) monovalent inorganic cation transport
- GO:0016071 (139) mRNA metabolic process
- GO:0048747 (49) muscle fiber development
- GO:0006044 (75) N-acetylglucosamine metabolic process
- GO:0010454 (12) negative regulation of cell fate commitment
- GO:0031327 (143) negative regulation of cellular biosynthetic process
- GO:0010629 (140) negative regulation of gene expression
- GO:0010558 (142) negative regulation of macromolecule biosynthetic process
- GO:0045934 (127) negative regulation of nucleobase, nucleoside, nucleotide an
- GO:0043069 (39) negative regulation of programmed cell death
- GO:0006913 (56) nucleocytoplasmic transport
- GO:0009117 (135) nucleotide metabolic process
- GO:0009994 (83) oocyte differentiation
- GO:0030707 (131) ovarian follicle cell development
- GO:0007300 (26) ovarian nurse cell to oocyte transport
- GO:0006119 (96) oxidative phosphorylation
- GO:0006909 (151) phagocytosis
- GO:0007243 (62) protein kinase cascade
- GO:0006464 (484) protein modification process
- GO:0065004 (77) protein-DNA complex assembly
- GO:0006508 (427) proteolysis
- GO:0032956 (23) regulation of actin cytoskeleton organization
- GO:0042659 (15) regulation of cell fate specification
- GO:0022604 (139) regulation of cell morphogenesis
- GO:0032268 (114) regulation of cellular protein metabolic process
- GO:0001505 (83) regulation of neurotransmitter levels
- GO:0002700 (14) regulation of production of molecular mediator of immune resp
- GO:0051252 (437) regulation of RNA metabolic process
- GO:0050803 (31) regulation of synapse structure and activity
- GO:0032774 (442) RNA biosynthetic process
- GO:0006396 (187) RNA processing
- GO:0007431 (112) salivary gland development
- GO:0007606 (123) sensory perception of chemical stimulus
- GO:0007264 (136) small GTPase mediated signal transduction
- GO:0007051 (171) spindle organization
- GO:0031098 (38) stress-activated protein kinase signaling pathway
- GO:0014706 (79) striated muscle development
- GO:0070142 (14) synaptic vesicle budding
- GO:0048488 (32) synaptic vesicle endocytosis
- GO:0048729 (173) tissue morphogenesis
- GO:0006350 (541) transcription
- GO:0006412 (264) translation
- GO:0006901 (13) vesicle coating
- GO:0035220 (186) wing disc development
- GO:0016055 (61) Wnt receptor signaling pathway

D. melanogast				D. simulans				D. sechellia				D. yakuba				D. erecta				
dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	dS	dN	ω	Δω	
52	44	44							48	40		40	24	36		36	36	40		GO:0008154 (25) actin polymerization or depolymerization
		71											52	66			52	66		GO:0043297 (21) apical junction assembly
	31	31		23	40	46			42	44			31	17		27				GO:0042773 (47) ATP synthesis coupled electron transport
39	15	32	77		21	67			39	39		7	10	25	93	13	28	25		GO:0048858 (228) cell projection morphogenesis
	31	37			47	41			30	38			19	19		18	11	25		GO:0006030 (70) chitin metabolic process
26	16	33		44	15			60	10			13	8	40		8	8	25		GO:0048749 (192) compound eye development
	84												61	76		61	46	61		GO:0050907 (13) detection of chemical stimulus involved in sensory perception
												30	65			55	65			GO:0035088 (20) establishment or maintenance of apical/basal cell polarity
	14	35		29	14			55	9			8	10	31		8	14	24		GO:0048592 (161) eye morphogenesis
69	38											53	61	69		38	53	76		GO:0035286 (13) leg segmentation
	78	46	76		36				40	61			21	27		27	31			GO:0000165 (47) MAPKKK cascade
			53									55	20	25		46				GO:0007126 (86) meiosis
	12	23			11	45			12	16	61	8	16	16	81	9	11	18	74	GO:0007052 (155) mitotic spindle organization
	17	30	69		15	69			21	41		9	14	22	96	9	11	18		GO:0002009 (139) morphogenesis of an epithelium
	15								32	29	72		23	18	83	80	17	18	78	GO:0006397 (123) mRNA processing
58													75			75				GO:0009996 (12) negative regulation of cell fate specification
22	15	31	75	38	13	64			18	33		8	10	24		7	8	12		GO:0030182 (317) neuron differentiation
80	14	24		27	28			67	14	36		16	15	18		25	11	18		GO:0007269 (77) neurotransmitter secretion
									27	36	72		19	30		12				GO:0009141 (66) nucleoside triphosphate metabolic process
									34	34	64		41	67						GO:0009165 (113) nucleotide biosynthetic process
				34								31	20			28	17			GO:0008355 (35) olfactory learning
				38	33				23	38		34	15	26		26	19			GO:0048599 (72) oocyte development
	47	37							14	52		25	16			33	33			GO:0007297 (48) ovarian follicle cell migration
	20	20				77			31	28		20	20	64		82	27	26		GO:0006911 (145) phagocytosis, engulfment
	11			12					7	51		13	21			22	30	43	82	GO:0043687 (388) post-translational protein modification
	56	56							25	56		50				43	56	50		GO:0051261 (16) protein depolymerization
	37	37		51	70				66	37		33	25	22		44	25	25		GO:0051258 (27) protein polymerization
	32	34		26					26	34	76		23			19				GO:0015992 (52) proton transport
									22	27	72									GO:0006163 (83) purine nucleotide metabolic process
												97	60	87		53	60			GO:0007265 (71) Ras protein signal transduction
58								52				41	70			58	52			GO:0030832 (17) regulation of actin filament length
	85												42	50		64	50			GO:0002784 (14) regulation of antimicrobial peptide production
55	23			38	82							20	20	32		20	26	52		GO:0031344 (34) regulation of cell projection organization
52	20	34		72	18			44				41	30	37		27	34	34		GO:0008360 (70) regulation of cell shape
	23			74	21			76	27	49		18	12	27		20	32	58		GO:0050767 (55) regulation of neurogenesis
		53										56	86							GO:0010627 (30) regulation of protein kinase cascade
									88			85	61	80		44	58			GO:0051056 (63) regulation of small GTPase mediated signal transduction
	42							66	42			42	47	47		61	52	33		GO:0050807 (21) regulation of synapse organization
25												19	73			15	43	73		GO:0045449 (483) regulation of transcription
									24	29	69									GO:0009259 (86) ribonucleotide metabolic process
	19	32							29	37			25	19	83	73	25	20		GO:0008380 (97) RNA splicing
60	51	55							44	69		55	25	39		27	27	46		GO:0007608 (43) sensory perception of smell
	36	44		63					34	40			20	20	28		30	28	28	GO:0050909 (49) sensory perception of taste
	18			18					40	43		18	13	81		44	18			GO:0007519 (65) skeletal muscle development
									80			45	52	69		42	69			GO:0006814 (42) sodium ion transport
24	26	35		22	19	42		59	22	36	71	19	35	28	98	14	22	15	89	GO:0051231 (57) spindle elongation
	31								50			31	37	50		25	25			GO:0051146 (16) striated muscle cell differentiation
	35	50										50	28	42		57	57	35		GO:0016185 (14) synaptic vesicle budding from presynaptic membrane
24												19	54			15	22	22		GO:0006351 (441) transcription, DNA-dependent
	35	38		19	71							8	9	44		18	26	25		GO:0007472 (146) wing disc morphogenesis